

## **ABSTRACT**

A liquid fuel combustion machine comprises a cambered front surface, a tapered rear surface, an exhaust nozzle at a distal end of the rear surface and having a reduced opening; a check valve pivotally installed on the exhaust nozzle; the front surface of the liquid fuel combustion machine being formed with a plurality of fuel injection nozzles and a plurality of water injection nozzles for being connected with fuel atomizing devices and moisture input devices. The pushing force from the liquid fuel combustion machine is very great so as to effectively actuate a machine. In the present invention, the fuel and air are mixed and explode. The combustion is completely and no waste air generates. The thermal energy generated from the explosion is stored in the combustion chamber. No energy loss occurs since no tube is used to transfer the energy.